Silane, diphenyl(3-methylbut-3-en-1-yloxy)octadecyloxy-

Inchi: InChI=1S/C35H56O2Si/c1-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-25-31-36-38(37-32-3

InchiKey: SSHRPOWJLGENMM-UHFFFAOYSA-N

Formula: C35H56O2Si

SMILES: C=C(C)CCO[Si](OCCCCCCCCCCCCCCCCCC)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 536.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-17.30		Crippen Method
logp	9.504		Crippen Method
rinpol	3515.00		NIST Webbook
rinpol	3515.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367818&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices